

Application No. 10/806,901
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Preliminary Amendment
Attorney Docket No.: F02.2C-11307-US01

Amendments To The Claims:

1. (Currently Amended) In a machine for casting concrete panels on a casting bed including a bottom and a pair of parallel side forms, the improvement comprising:
 - a) ~~linkage members pivotally linking said side forms to said casting bed a fixed position~~ to allow up and down movement which keeps the side forms vertical at all times with respect to said casting bed;
 - b) a mechanism to fix the side forms at one of a plurality of heights with respect to said casting bed; and
 - b) c) motive force mechanism linked to said side forms for driving said side forms up and down.
2. The machine of claim 1 wherein said motive force mechanism is hydraulic.
3. In a machine for casting concrete panels on a casting bed, said casting bed including a bottom and a pair of opposing parallel side forms, said casting bed being movable along a set of rails, the improvement comprising:

each of said side forms being attached to said casting bed by linkages that allow said side forms to move up, down, forward and backward and not laterally such that said side forms may be raised and lowered in a vertical orientation.
4. (Currently Amended) The machine of claim 3 wherein said side form linkages are ~~constructed and arranged to~~ allow the side form to be fixed at more than one point to create a variable height casting bed.
5. The machine of claim 3 wherein said side form linkages include linkage arms connected to said side forms and to a fixed point
6. (Newly Added) The machine of claim 1 wherein said mechanism to fix the height of said side forms includes a plurality of spaced openings such that said side forms may

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be set at one of a plurality of different heights by securing the linkage members relative to the side forms by bolt members to said spaced openings.

7. (Newly Added) The machine of claim 1 wherein said mechanism to fix the height of said side forms includes a electromagnets positioned to provide a holding force to keep the side forms at a desired height once so positioned.

8. (Newly Added) The machine of claim 1 wherein said mechanism to fix the height of said side forms includes an air bladder positioned along said side forms which upon inflation provides a holding force to keep the side forms at a desired height once so positioned.

9. (Newly Added) The machine of claim 6 wherein said plurality of spaced openings are positioned to said side wall such that said side wall may be fixed to a set height by placing bolt members thereinto.

10. (Newly Added) The machine of claim 6 wherein said plurality of spaced openings are positioned within said linkage members such that bolt members passed therethrough will fix the side forms to a set height based on the hole so fixed.

11. (Newly Added) The machine of claim 3 wherein said linkages provide the function of vertical movement of said side forms and allow the side forms to be fixed at more than one point.

12. (Newly Added) The machine of claim 11 wherein said side forms include a mechanism to lock the side form at any of a plurality of different heights.